TRIGG COUNTY REPORT OF ENDANGERED, THREATENED, AND SPECIAL CONCERN PLANTS, ANIMALS, AND NATURAL COMMUNITIES OF KENTUCKY

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Kentucky State Nature Preserves Commission Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

USESA: U.S. Fish and Wildlife Service status:

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled GU = Unrankable

G2 = Imperiled G#? = Inexact rank (e.g. G2?)
G3 = Vulnerable G#Q = Questionable taxonomy

G4 = Apparently secure G#T# = Infraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G'

G5 = Secure portion of the rank then refers to the entire species)

GH = Historic, possibly extinct GNR = Unranked GX = Presumed extinct GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled SU = Unrankable Migratory species may have separate ranks for different

S2 = Imperiled S#? = Inexact rank (e.g. G2?) population segments (e.g. S1B, S2N, S4M):

S3 = Vulnerable S#Q = Questionable taxonomy S#B = Rank of breeding population
S4 = Apparently secure S#T# = Infraspecific taxa S#N = Rank of non-breeding population
S5 = Secure SNR = Unranked S#M = Rank of transient population

SH = Historic, possibly extirpated SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

- E currently reported from the county
- H reported from the county but not seen for at least 20 years
- F reported from county & cannot be relocated but for which further inventory is needed
- X known to be extirpated from the county
- U reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

Kentucky State Nature Preserves Commission 801 Schenkel Lane Frankfort, KY 40601 phone: (502) 573-2886 fax: (502) 573-2355

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County	y Taxonomic Group	Scientific name	Common name	Statuses	Ranks		# of	Оссі	urren	ices
	Habitat					Е	Н	F	Χ	U
Trigg	Vascular Plants Rocky limestone open wooded slo	Apios priceana pes and floodplain edges among mixed hardwoods.	Price's Potato-bean	E/LT	G2 / S1	3	0	0	0	0
Trigg	Vascular Plants Quiet shores or muddy waters of s	Armoracia lacustris loughs, cypress swamps, seasonal sloughs, or slow water	Lakecress r.	T/	G4? / S1S2	4	0	0	0	0
Trigg	Vascular Plants GLADES, BARRENS, OPEN WOO PATCHES.	Baptisia australis var. minor DDLANDS, PRAIRIES, OAK SAVANNAS OR AREAS TH	Blue Wild Indigo AT WERE FORMERLY SUCH COMMUNITIES (V	S / VEAKLEY 1998)	G5T5 / S2S3 ; IN KY, PRAIRIE	0	1	0	0	0
Trigg	Vascular Plants PRAIRIES AND OPEN DRY OR U	Baptisia bracteata var. glabrescens PLAND WOODS; SANDHILLS.	Cream Wild Indigo	S/	G4G5T4T5 / S3	21	2	0	0	0
Trigg	Vascular Plants Rich woods and edges of sloughs	Halesia tetraptera and oxbow lakes.	Common Silverbell	E/	G5 / S1S2	2	0	0	0	0
Trigg	Vascular Plants RICH DAMP SOIL; IN KY, ROADS	Heracleum lanatum SIDE ON MOUNTAIN RIDGE.	Cow-parsnip	H /	G5 / SH	0	1	0	0	0
Trigg	Vascular Plants STREAMS, QUIET WATERS OR I	Heteranthera dubia MUD FLATS, INCLUDING ARTIFICIAL LAKES.	Grassleaf Mud-plantain	S/	G5 / S3	2	3	0	0	0
Trigg	Vascular Plants SLOUGHS, POND MARGINS AND	Heteranthera limosa D MUD FLATS.	Blue Mud-plantain	S/	G5 / S2S3	1	0	0	0	0
Trigg	Vascular Plants Dry prairies, open woods and fields	Hieracium longipilum s, particularly on sandy soil (Gleason & Cronquist 1991).	Hairy Hawkweed	Τ/	G4G5 / S2	2	0	0	0	0
Trigg	Vascular Plants Glades and fields in river floodplair	Lesquerella lescurii ns.	Lescur's Bladderpod	H /	G4 / SH	0	0	0	1	0
Trigg	Vascular Plants Rich thickets, fence rows, edge of	Matelea carolinensis woods.	Carolina Anglepod	E/	G4 / S1?	0	1	0	0	0
Trigg		Muhlenbergia glabrifloris C UPLAND FORESTS, BOTTOMLAND AND UPLAND PI REPORTS WET WOODS, MARSH EDGES AND FIELDS		S / ATED OR BAKE	G4? / S2S3 D SOILS, GRAVELS, C	2 PR	0	0	0	0
Trigg	Vascular Plants MUDDY, PEATY, OR SANDY POR	Najas gracillima NDS, POOLS, OR SHORES.	Thread-like Naiad	S/	G5? / S2S3	1	0	0	0	0
Trigg	Vascular Plants Rock ledges and sandy barrens (G	Oenothera linifolia Sleason & Cronquist 1991); prairies, and dry slopes; in KY	Thread-leaf Sundrops , on thin limestone soil in open fields and barrens	E /	G5 / S1S2	1	0	0	0	0
Trigg	Vascular Plants Moist sandy soils, swampy ground	Oldenlandia uniflora, shallow water and mud flats of sloughs and reservoirs, a	Clustered Bluets and along creeks.	E/	G5 / S1	1	0	0	0	0
Trigg	Vascular Plants Dry prairies and barrens, limestone	Prenanthes aspera e glades, dry, open rocky woods. usually in acid soils.	Rough Rattlesnake-root	E/	G4? / S1	1	0	0	0	0
Trigg	Vascular Plants Prairies.	Prenanthes barbata	Barbed Rattlesnake-root	E/SOMC	G3 / S1	1	0	0	0	0
Trigg	Vascular Plants Marshes, wet meadows, open wet	Ptilimnium capillaceum lands.	Mock Bishop's-weed	Τ/	G5 / S1S2	2	1	0	0	0

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County	y Taxonomic Group	Scientific name	Common name	Statuses	Ranks		# of	Осс	urrer	ıces
	Habitat					Е	Н	F	Χ	U
Trigg	Vascular Plants Damp prairies, glades, and shores	Ptilimnium nuttallii s, wet soil.	Nuttall's Mock Bishop's-weed	E/	G5? / S1S2	2	0	0	0	0
Trigg	Vascular Plants Prairies and low grounds such as	Rudbeckia subtomentosa open stream terrace woodlands.	Sweet Coneflower	E/	G5 / S1	2	0	0	0	0
Trigg	Vascular Plants Swamps, mud, or shallow water or	Sagittaria graminea f lakeshores, ponds & sloughs.	Grassleaf Arrowhead	Τ/	G5 / S1S2	1	0	0	0	0
Trigg	Vascular Plants Acid soils of sandstone, chert subs	Scleria ciliata strate in openings of glades & rocky open woods.	Fringed Nutrush	E/	G5 / S2	1	0	0	0	0
Trigg	Vascular Plants MARGINS OF SWAMP FORESTS	Trepocarpus aethusae S AND SANDY RIVER BOTTOMS.	Trepocarpus	S/	G4G5 / S3	10	0	0	0	0
Trigg	Freshwater Mussels	Alasmidonta marginata	Elktoe	T/ SOMC	G4 / S2	0	1	0	0	0
Trigg	1914). Sometimes found in lakes of several inches to two feet. Buchar more abundant in the mainstream Freshwater Mussels	reams but more typical of smaller streams (Buchanan 1980 connected to rivers. Parmalee (1967) reported the preferrenan (1980) found this species to be common in gravel and Cumberland River than in small streams. Plethobasus cooperianus /ERS IN SAND AND GRAVEL SUBSTRATES (AHLSTED)	ed habitat to be small streams with good current cobble substrate in 2 to 18 inches of water, Nee Orangefoot Pimpleback	sand or gravel bo el and Allen (1964) E / LE	ttoms, and depth of found this species to b G1 / S1	e 0	0	0	1	0
		,			*					
Trigg	Freshwater Mussels Usually found in large rivers in cur	Plethobasus cyphyus rent on mud, sand, or gravel bottoms at depth of 1-2 mete	Sheepnose ers or more (Baker 1928, Parmalee 1967, Gordo	E / C n and Layzer 1989	G3 / S1 9).	0	0	0	1	0
Trigg	Freshwater Mussels INHABITS MEDIUM TO LARGE F PARMALEE ET AT. 1982).	Pleurobema rubrum RIVERS AND USUALLY OCCURS IN SAND OR GRAVEL	Pyramid Pigtoe BOTTOMS IN DEEP WATERS (AHLSTEDT 19	E / SOMC 984, MURRAY AN	G2 / S1 D LEONARD 1962,	0	0	0	1	0
Trigg	Freshwater Mussels INHABITS SMALL TO MEDIUM-S	Villosa lienosa SIZED RIVERS, USUALLY IN SHALLOW WATER ON A S	Little Spectaclecase AND/MUD/DETRITUS BOTTOM (PARMALEE	S / 1967, GORDON A	G5 / S3S4 .ND LAYZER 1989).	0	1	0	0	0
Trigg	Freshwater Mussels INHABITS SAND TO HETEROGE STREAMS (AHLSTEDT 1984, GC	Villosa vanuxemensis ENOUS MIXTURES IN AND ADJACENT TO SHALLOW R DRDON AND LAYZER 1989).	Mountain Creekshell IFFLES AND SHOALS IN SLOW TO FAST CUI	T / RRENT OF SMAL	G4 / S2 L TO MEDIUM-SIZED	1	0	2	0	0
Trigg	Crustaceans Swift parts of small streams.	Cambarus friaufi	Hairy Crayfish	S/	G3G4 / S3S4	2	2	0	0	0
Trigg	Crustaceans SMALL DRIP AND SEEP POOLS	Stygobromus vitreus IN CAVES, BUT OCCASIONALLY IS FOUND IN SURFA	An Amphipod CE SEEPS IN THE MAMMOTH CAVE AREA (H	S / HOLSINGER 1972	G4 / S1 2).	0	1	0	0	0
Trigg		Nicrophorus americanus VEN AREA IS SUSPECTED TO BE MORE IMPORTANT CE THE POTENTIAL PREY BASE AVAILABLE FOR THE		H / LE SOIL TYPES (RAI	G2G3 / SH FHEL 1991). HOWEVER	0 ₹,	1	0	0	0
Trigg	Insects	Satyrium favonius ontario	Northern Hairstreak	S/	G4T4 / S2	1	0	0	0	0
		dges with evergreen or deciduous oaks (Opler and Maliku nium arboretum) or dogbane (Apocynum cannabium) (L.D		k oak (<i>Quercus n</i>	narilandica) and a necta	ır				
Trigg	Fishes	Esox niger	Chain Pickerel	S/	G5 / S3	1	0	0	0	0
	COASTAL PLAIN WETLANDS, S'ETNIER AND STARNES 1993).	TREAMS, AND VEGETATED OXBOW LAKE SHORELINI	ES, AND IT ALSO TOLERATES RESERVOIR C	CONDITIONS (BU	RR AND WARREN 198	6,				

County	/ Taxonomic Group	Scientific name	Common name	Statuses	Ranks		# of	Occi	urren	ces
	Habitat					E	Н	F	Х	U
Trigg	Fishes Medium to large streams over riffle Etnier and Starnes 1993).	Etheostoma microlepidum s 0.5 to 0.9 m deep with moderate to swift flow and	Smallscale Darter substrate of gravel and rubble (Kuehne and Barbo	E / SOMC our 1983, Page 1983,	G2G3 / S1 Burr and Warren 1986,	3	0	0	0	0
Trigg	Fishes Small coastal plain streams, spring	Etheostoma parvipinne ps, and wetlands of low to moderate gradient with sa and Warren 1986, Etnier and Starnes 1993). Most cor		E / nd undercut banks (B	G4G5 / S1 urr and Mayden 1979,	0	1	0	0	0
Trigg	Fishes SMALL TO MEDIUM-SIZE SLUGG	Etheostoma proeliare SISH STREAMS, OXBOWS, AND WETLANDS WHE 983, PAGE 1983, BURR AND WARREN 1986).	Cypress Darter	T / GETATION ABOUND	G5 / S2 S (BURR AND MAYDEN	1 I	2	0	0	0
Trigg	Fishes RESERVOIRS AND MEDIUM TO TRAUTMAN 1981, AND BURR AN	Ictiobus niger LARGE RIVERS WITH MODERATE TO LOW GRAID WARREN 1986).	Black Buffalo DIENT AND SOMETIME SWIFT CURRENT (BEC	S / KER 1983, PFLIEGE	G5 / S3 ER 1975, SMITH 1979,	0	1	0	0	0
Trigg	Fishes OCCURS IN WELL-VEGETATED BURR AND WARREN 1986, ETNI	<i>Lepomis miniatus</i> SWAMPS, SLOUGHS, BOTTOMLAND LAKES, AN ER AND STARNES 1993).	Redspotted Sunfish D LOW GRADIENT STREAMS (BURR AND MAY	T / DEN 1979, PFLIEGE	G5 / S2 R 1975, SMITH 1979,	1	0	0	0	0
Trigg	Fishes SCHOOLING SURFACE FISH TH	<i>Menidia beryllina</i> AT OCCURS IN THE MISSISSIPPI RIVER AND FL	Inland Silverside OODPLAIN LAKES (BURR AND WARREN 1986,	T / ETNIER AND STAR	G5 / S2 NES 1993).	1	0	0	0	0
Trigg		Noturus exilis iffles and pools with a substrate of gravel, rubble, ar f reservoirs. Adults live in pools until June and July,	· ·		,	2	1	0	0	0
Trigg		Typhlichthys subterraneus one bedrocks are honeycombed by subsurface draings and wells (Cooper 1980, Cooper and Beiter 1972			G4 / S2S3 d, and mud, or rubble	1	0	0	0	0
Trigg	Amphibians FLOODPLAIN WETLANDS, PART	Hyla cinerea ICULARLY THOSE DOMINATED BY BUTTONBUS	Green Treefrog H AND HERBACEOUS EMERGENT VEGETATION	S/ ON.	G5 / S3	2	0	0	0	0
Trigg	Amphibians IN KENTUCKY, THE SPECIES IS CROP FIELDS.	Hyla gratiosa KNOWN FROM SWAMPS AND SINKHOLE POND	Barking Treefrog S, SOME OF WHICH ARE SITUATED IN PASTUR	S / RES, HAYFIELDS, A	G5 / S3 ND AGRICULTURAL	12	0	0	0	0
Trigg	Reptiles Open water habitats; Most numero	Apalone mutica mutica us in open river situations with gravel or sand substr	Midland Smooth Softshell rates, but also present in slower rivers and impoun	S / ndments.	G5T5 / S3	1	0	0	0	0
Trigg	Reptiles OPEN WOODLANDS, EDGES.	Eumeces inexpectatus	Southeastern Five-lined Skink	S/	G5 / S3	1	3	0	0	0
Trigg	Reptiles Burrows in soft soils of upland oak	Lampropeltis triangulum elapsoides and oak-hickory forests, may also occur in oak-pine	Scarlet Kingsnake	S/	G5T5 / S3	4	0	0	0	0
Trigg	Reptiles The Northern Pine Snake inhabits	Pituophis melanoleucus melanoleucus dry woodlands and edges, especially in upland oak,	Northern Pine Snake oak-hickory, and oak-pine forests. Soft, sandy soi	T / SOMC	G4T4 / S2 burrowing.	3	6	0	0	2
Trigg	Reptiles THE PIGMY RATTLESNAKE SEE	Sistrurus miliarius streckeri MS TO OCCUR MOST FREQUENTLY IN DRY WO	Western Pygmy Rattlesnake ODLANDS OF OAK AND HICKORY, SOMETIME	T / S IN OAK-PINE.	G5T5 / S2	1	8	0	0	0
Trigg	Reptiles Variety of semi-open habitats, gen	Thamnophis sauritus sauritus erally in weedy or brushy growth along the margins of	Eastern Ribbon Snake of sloughs, marshes and other aquatic habitats.	S/	G5T5 / S3	1	4	0	0	0

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	Habitat					Е	Н	F	X	U
Trigg			Sharp-shinned Hawk PRIMARILY IN CONIF. IN MORE NORTHERN AND MIDGES, LAKESHORES, & COASTLINES (B83NAT01NA		G5 / S3B,S4N ION OF RANGE (B83	1	0	0	0	0
Trigg	Breeding Birds	Aimophila aestivalis	Bachman's Sparrow SHY OR OVERGROWN HILLSIDES, OVERGROWN FIE	E / SOMC	G3 / S1B S AND BRAMBLES,	1	0	0	1	0
Trigg	Breeding Birds MARSHES, PONDS, SLOUGHS, COM01NA).	Anas discors LAKES AND SLUGGISH STREAMS. IN MIGF	Blue-winged Teal RATION AND WHEN NOT BREEDING, IN BOTH FRESI	T / HWATER AND BRAC	G5 / S1S2B KISH SITUATIONS (B8	1 3	0	0	0	0
Trigg	Breeding Birds MARSHES, SWAMPY WOODS, T	Ardea alba TIDAL ESTUARIES, LAGOONS, MANGROVE	Great Egret S, ALONG STREAM, LAKES, AND PONDS.	E/	G5 / S1B	0	0	0	1	0
Trigg	Breeding Birds FRESH WATER BOGS, SWAMPS IN IA, NOT OBSERVED IN MARS		American Bittern ARSHES, BRACKISH AND SALTWATER MARSHES A	H / ND MEADOWS. MAY	G4 / SHB BE AREA-DEPENDEN	1 IT;	0	0	0	0
Trigg	Breeding Birds WET PASTURELAND AND MARS SWAMPS OR ON MANGROVE IS	,	Cattle Egret JATIONS, DRY FIELDS, GARBAGE DUMPS. IN W. IND	S / DIES, ROOSTS AT NI	G5 / S1S2B GHT IN MANGROVE	0	0	0	2	0
Trigg	Breeding Birds Open situations with scattered bus	Chondestes grammacus shes and trees, prairie, forest edge, cultivated	Lark Sparrow areas, orchards, fields with bushy borders, and savanna	T / ı (B83COM01NA).	G5 / S2S3B	1	0	0	0	0
Trigg	Breeding Birds MARSHES, PONDS, LAKES, MEA	<i>Egretta caerulea</i> ADOWS, STREAMS, MANGROVE LAGOONS	Little Blue Heron S, AND OTHER BODIES OF CALM SHALLOW WATER	E / ; PRIMARILY IN FRE	G5 / S1B SHWATER HABITATS.	0	0	0	1	0
Trigg	Breeding Birds	Haliaeetus leucocephalus	Bald Eagle	T/LT	G5 / S2B,S2S3 N	9	0	0	1	0
	,	RIVERS, AND LARGE LAKES. PREFERENT NS OR CONGREGATE IN AREAS WITH ABU	FIALLY ROOSTS IN CONIFERS IN WINTER IN SOME / INDANT DEAD FISH (B82GRI01NA).	AREAS. IN WINTER,	MAY ASSOCIATE WITI	H				
Trigg	Breeding Birds MARSHES, SWAMPS, WOODED	Nycticorax nycticorax STREAMS, MANGROVES, SHORES OF LAI	Black-crowned Night-heron KES, PONDS, LAGOONS; SALT WATER, BRACKISH,	T / AND FRESHWATER	G5 / S1S2B SITUATIONS.	0	0	0	2	0
Trigg	Breeding Birds Primarily along rivers, lakes, and s	Pandion haliaetus seacoasts, occurring widely in migration, often	Osprey crossing land between bodies of water (B83COM01NA)	T /	G5 / S2B	5	0	0	0	0
Trigg	Breeding Birds Lakes, ponds, sluggish streams, a	Podilymbus podiceps nd marshes; also in brackish bays and estuari	Pied-billed Grebe ies in migration and when not breeding.	E/	G5 / S1B,S4N	0	1	0	0	0
Trigg	•	,	Bewick's Wren RIPARIAN WOODLAND, AND CHAPARRAL, MORE CO OM01NA). FOUND IN COUNTRY TOWNS AND FARM		G5 / S3B RE- GIONS BUT LOCAL	3 LY	0	0	0	0
Trigg		<i>Tyto alba</i> NTRY IN A WIDE VARIETY OF SITUATIONS ALSO ROOSTS IN NEST BOXES IF AVAILA	Barn Owl , OFTEN AROUND HUMAN HABITATION (B83COM01 BLE (A85MAR01NA).	S / NA). IN NORTHERN	G5 / S3 WINTER OFTEN	0	1	0	0	0
Trigg	Mammals THE SOUTHEASTERN MYOTIS	Myotis austroriparius USES PRIMARILY CAVES FOR HIBERNACU	Southeastern Myotis JLA AND SUMMER MATERNITY AND ROOSTING SITE	E / SOMC	G3G4 / S1S2	2	0	0	0	0
Trigg	Mammals Gray bats use primarily caves thro	Myotis grisescens sughout the year, although they move from one	Gray Myotis e cave to another seasonally. Males and young of the ye	T / LE ar use different caves	G3 / S2 in summer than female	4 s.	0	0	0	0

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	Habitat					E	Н	F	Х	U
Trigg	Mammals	Myotis sodalis	Indiana Bat	E/LE	G2 / S1S2	3	0	0	0	0
	Indiana bats use primarily caves for hibernacula, although they are occasionally found in old mine portals.									
Trigg	Mammals	Nycticeius humeralis	Evening Bat	S/	G5 / S3	2	0	0	0	0
	THE EVENING BAT IS A COLON	IAL SPECIES THAT ROOSTS IN TREES AND HOL	JSES. IT APPARENTLY MIGRATES SOU	ITHWARD IN WINTER.						

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